

October 21, 2005

Stephen S. Perkins, Director  
Office of Environmental Stewardship  
United States Environmental Protection Agency  
Region 1  
One Congress Street  
Boston, MA 02114

RECEIVED

OCT 21 2005

U.S. EPA, Region 1, Mail Room

**Subject: National Pollutant Discharge Elimination System (NPDES)  
General Permit for Storm Water Discharges from Small Municipal  
Separate Storm Sewer Systems (MS4s)  
Revised Notice of Intent (NOI)**

Dear Director Perkins:

The Department of Conservation and Recreation (DCR) is pleased to submit this revised, combined Notice of Intent (NOI) to discharge storm water to waters of the United States. This NOI provides a consolidated document to cover all facilities of the Division of Urban Parks and Recreation, the Division of State Parks and Recreation and the Division of Water Supply Protection that are subject to Environmental Protection Agency (EPA) and Department of Environmental Protection's (DEP) Phase II Storm Water Management Program.

251 Causeway Street  
Boston, Massachusetts 02114  
(617) 626-1250  
(617) 626-1351 FAX  
[www.mass.gov/dcr](http://www.mass.gov/dcr)

As requested by EPA, this revised filing includes on Table 1 the DCR facilities that are located both within an Urbanized Area and served by a Municipal Separate Storm Sewer System (MS4.) Table 2 identifies the DCR facilities located within an Urbanized Area but without drainage systems that would qualify as a MS4. These facilities are predominantly isolated buildings that DCR believes are specifically excluded under Part 1.B.1(c) of the general permit. DCR requests EPA to review these facilities for applicability under the EPA Phase 2 regulations. Table 3 lists those DCR facilities located wholly or partially within an Urbanized Area but not served by a MS4, and therefore, are not covered by this permit.

MITT ROMNEY  
Governor

KERRY HEALEY  
Lt. Governor

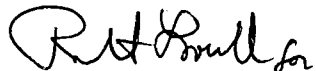
STEPHEN R. PRITCHARD  
Secretary, EOE

The DCR Storm Water Handbook has been prepared and released internally within the DCR for review. We anticipate that the handbook will be finalized, distributed and training initiated by December 2005 for all DCR employees who may conduct, design, engineer or supervise activities as they relate to implementation of the DCR storm water management plan.



I would like to thank you and your staff for the assistance to date and look forward to continued cooperation to reach the environmental milestones and goals set forth in this revised, combined NOI.

Sincerely,

A handwritten signature in black ink, appearing to read "R. H. Burrington".

Stephen H. Burrington  
Commissioner

Cc: Robert W. Golledge, Jr., Commissioner, DEP  
Paul Hogan, DEP - CERO  
Stephen R. Pritchard, Secretary, EOE A



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Watershed Management  
**BRP WM 08A NPDES Stormwater General Permit**  
**Notice of Intent for Discharges from Small Municipal Separate  
Storm Sewer Systems (MS4s)**

W 067040  
Transmittal Number

Facility ID (if known)

## A. Instructions

**Important:** When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Submission of this Notice of Intent constitutes notice that the entity named at item B1. of this form intends to be authorized by the DEP General Permit issued jointly with EPA for stormwater discharges from the small municipal separate storm sewer system (MS4), in the location identified at item B2. of this form. Submission of the Notice of Intent also constitutes notice that the party identified at item B1. has read, understands and meets the eligibility conditions of Part I.B. of the NPDES Small MS4 General Permit, agrees to comply with all applicable terms and conditions of the NPDES Small MS4 General Permit, and understands that continued authorization to discharge is contingent on maintaining eligibility for coverage. **In order to be granted coverage, all information required on BRP WM 08A, including the Stormwater Management Program Summary and Time Frames form, must be completed. Please read the permit and make sure you comply with all requirements, including the requirement to develop and implement a stormwater management program.**

## B. Applicant Information

1. Small MS4 Operator/Owner Information:

Massachusetts Executive Office of Environmental Affairs - Department of Conservation and Recreation  
Name  
251 Causeway Street, Suite 600  
Mailing Address  
Boston MA  
City/Town State  
(508) 509-1757 Robert.Lowell@state.ma.us  
Telephone Number Email (if available)

2. Municipality Name

Department of Conservation and Recreation (DCR)  
City/Town

3. Legal Status:

☐ Federal ☐ City/Town ☒ State ☐ Tribal ☐ Private  
☐ Other public entity: \_\_\_\_\_  
Specify Public Entity

4. Other regulated MS4(s) within municipal boundaries:

5. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for "listed species" and critical habitat been met?

☐ yes ☒ pending ☐ no



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**B. Applicant Information (cont.)**

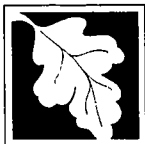
6. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for protection of historic properties been met?

☐ yes    ☒ pending    ☐ no

**Note:**  
Section C may  
be duplicated to  
accommodate a  
larger list of  
receiving waters

**C. Names of (Presently Known) Receiving Waters**

Receiving Water:	No. of Outfalls	Listed as Impaired?	Impairment
<b>See Table A at end of document</b>	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
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Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify



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Bureau of Resource Protection - Watershed Management

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Facility ID (if known)

**D. Stormwater Management Program Summary**

**1. Public Education:**

1-1

BMP ID #

DCR Storm Water Web Page  
Specify Best Management Practice

External Affairs/IT Dept.  
(Martha King)

Responsible Dept./Person Name

Develop web page and publish  
storm water related publications  
(inc. SWMP and NOI),  
information and links on web  
page.

Specify Measurable Goal

1-2

BMP ID #

Lower Charles River Middle  
School Educational Program  
Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Implement program to educate  
the teachers and kids about  
storm water's effects on the  
Lower Charles River and how  
they can help. Offer program to  
each middle school once a year.

Specify Measurable Goal

1-3

BMP ID #

CB Stenciling/ Plaques  
Specify Best Management Practice

Planning and Engineering  
(Noel Baratta)

Responsible Dept./Person Name

Park facility staff to mark all  
catch basins each spring (or as  
necessary).

Specify Measurable Goal

1-4

BMP ID #

Publish Water Quality Reports  
and Post Beaches  
Specify Best Management Practice

Recreation (Gary Briere)

Responsible Dept./Person Name

Continue to publish water quality  
reports on web and post  
beaches.

Specify Measurable Goal

1-5

BMP ID #

Interactions with Boat Club  
Programs  
Specify Best Management Practice

General Counsel (Tom  
LaRosa)

Responsible Dept./Person Name

Add to boat club permits that  
they must post and monitor "No  
Wake" zones.

Specify Measurable Goal

1-6

BMP ID #

Speed Limit Signs  
Specify Best Management Practice

General Counsel (Tom  
LaRosa)

Responsible Dept./Person Name

DCR will post speed limits signs  
on all bridges along the Lower  
Charles River.

Specify Measurable Goal



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1-7

BMP ID #

Muddy River Volunteer Clean  
Up Program

Specify Best Management Practice

Dir. of Operations/ Planning  
(Ron Cameron/ Patrice Kish)

Responsible Dept./Person Name

Continue to jointly sponsor  
spring and winter clean ups of  
the Muddy River with Boston  
Parks and Recreation Dept. and  
Town of Brookline.

Specify Measurable Goal

1-8

BMP ID #

Charles River Conservancy  
Volunteer Clean Up Program

Specify Best Management Practice

Operations (Pat Flynn)

Responsible Dept./Person Name

Continue to partner with  
Conservancy on Charles River  
Clean Up Program

Specify Measurable Goal

1-9

BMP ID #

Charles River Reservation  
School Program

Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal

1-10

BMP ID #

The Boston Harbor Islands  
Alliance

Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal

1-11

BMP ID #

Camp Nihan

Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal

1-12

BMP ID #

George's Island Boston Fort  
Warren Harbor School  
Programs

Specify Best Management Practice

Operations (Curt Rudge)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal

1-13

BMP ID #

Quabbin Educational  
Programs

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Provide 1 storm water/ water  
quality related educational  
program each year.

Specify Measurable Goal



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1-14

BMP ID #

Wachusett Educational  
Programs

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Continue to provide multi-session watershed related education programs on an annual basis to two schools in the Wachusett Reservoir watershed.

Specify Measurable Goal

1-15

BMP ID #

Stillwater Farm

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Provide 1 storm water/ water quality related educational program each year.

Specify Measurable Goal

1-16

BMP ID #

Project WET

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Maintain sponsorship of state water education for teachers program.

Specify Measurable Goal

1-17

BMP ID #

"Downstream" Newsletter

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Continue to develop and disseminate newsletter regarding issues relevant to Wachusett Reservoir/ Ware River/ Quabbin Reservoir watersheds twice a year.

Specify Measurable Goal

1-18

BMP ID #

Adopt-a-Stream

Specify Best Management Practice

Office of Public/ Private  
Partnerships (Allison Geuder)

Responsible Dept./Person Name

Begin to participate in this program.

Specify Measurable Goal

1-19

BMP ID #

Massachusetts Drinking Water  
Education Partnership  
(MADWEP)

Specify Best Management Practice

Recreation (Gary Briere)

Responsible Dept./Person Name

Maintain membership.

Specify Measurable Goal



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**2. Public Participation:**

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2-1

BMP ID #

Formalize Partnerships with  
CLF and CRWA

Specify Best Management Practice

General Counsel (Tom  
LaRosa)

Responsible Dept./Person Name

Continue to work with CLF and  
CRWA and abide by Memo of  
Understanding (MOU)

Specify Measurable Goal

2-2

BMP ID #

UMass/ DCR Program to  
Monitor WQ in Target Areas of  
Wachusett Reservoir

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Continue program with UMass.

Specify Measurable Goal

2-3

BMP ID #

Public NPDES Meetings to  
Discuss Annual Report

Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Hold one meeting at three  
locations each year for internal  
staff, interested parties and  
public. Track and record  
comments received.

Specify Measurable Goal

2-4

BMP ID #

Partnership and Friends  
Database

Specify Best Management Practice

External Affairs (Martha King)

Responsible Dept./Person Name

Send an annual letter regarding  
storm water/ NPDES issues to  
the watershed advocacy groups  
included in their Partnership and  
Friends database.

Specify Measurable Goal

2-5

BMP ID #

Storm Water Related  
Concerns/ Feedback Reported  
on DCR Web Site

Specify Best Management Practice

External Affairs (Martha King)

Responsible Dept./Person Name

Continue to maintain staffing to  
forward concerns/ feedback to  
appropriate department and  
track response to concerns  
submitted by the public via  
DCR's web site.

Specify Measurable Goal

2-6

BMP ID #

DCR Stewardship Council

Specify Best Management Practice

External Affairs (Martha King)

Responsible Dept./Person Name

Continue to participate.

Specify Measurable Goal





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Facility ID (if known)

2-7

BMP ID #

Massachusetts Water  
Resource Commission  
(MWRC)

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Continue to be involved in  
program and provide technical  
and staff support to MWRC.

Specify Measurable Goal

2-8

BMP ID #

Lakes and Ponds Program

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Continue to sponsor program.

Specify Measurable Goal

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**3. Illicit Discharge Detection and Elimination:**

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3-1

BMP ID #

Drainage Outfall Inventory

Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

DCR has located all known  
outfalls owned and operated by  
DCR within urbanized areas.

Specify Measurable Goal

3-2

BMP ID #

Drainage Inventory  
Specification

Specify Best Management Practice

Chief Engineer (Noel  
Baratta/ENSR)

Responsible Dept./Person Name

DCR will develop and implement  
a Drainage Inventory  
Specification which will require  
submission of drainage  
infrastructure information from  
construction and redevelopment  
projects to add to the  
infrastructure database.

Specify Measurable Goal

3-3

BMP ID #

Illicit Drainage Connection  
Policy

Specify Best Management Practice

General Counsel (Tom  
LaRosa )

Responsible Dept./Person Name

DCR is preparing a policy  
prohibiting illicit discharges to the  
DCR storm water system. The  
Policy will be finalized and  
issued during Fall 2006.  
Enforcement will be through the  
AG's office if necessary.

Specify Measurable Goal

3-4

BMP ID #

Drainage Infrastructure  
Inventory

Specify Best Management Practice

Chief Engineer (Noel Baratta)

Responsible Dept./Person Name

Identify DCR's roadway,  
parkway and boulevard drainage  
infrastructure and add to GIS  
Drainage Outfall Inventory/  
database.

Specify Measurable Goal



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3-5

BMP ID #

Illicit Connection Sampling  
Program

Specify Best Management Practice

Planning & Engineering (Noel  
Baratta)

Responsible Dept./Person Name

Review 20% of mapped system  
each permit year during  
antecedent conditions to identify  
illicit connections.

Specify Measurable Goal

3-6

BMP ID #

Illicit Discharge Flyers

Specify Best Management Practice

External Affairs (Martha King)

Responsible Dept./Person Name

Discuss with MWRA sending  
flyers through water/ sewer  
mailing to inform public of  
hazards associated with illicit  
discharges and improper waste  
disposal.

Specify Measurable Goal

3-7

BMP ID #

Drainage Tie-In Policy

Specify Best Management Practice

General Counsel / Chief  
Engineer (Tom LaRosa / Noel  
Baratta)

Responsible Dept./Person Name

Develop a SOP regarding  
drainage tie-ins from private  
entities to DCR MS4s.

Specify Measurable Goal

3-8

BMP ID #

Develop Storm Water Control  
Agreements with Other MS4s

Specify Best Management Practice

General Counsel (Tom  
LaRosa)

Responsible Dept./Person Name

DCR will implement a program to  
work cooperatively with  
operators of interconnected  
MS4s in the instance where  
storm water discharges impact  
either system. DCR will develop  
control agreements with the  
discharging municipality.

Specify Measurable Goal

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#### 4. Construction Site Runoff Control:

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4-1

BMP ID #

NPDES Storm Water  
Construction General Permit

Specify Best Management Practice

Director of Planning &  
Engineering(Karst  
Hoogeboom)

Responsible Dept./Person Name

Summarize number of  
construction sites which filed for  
coverage under the CGP each  
year. All projects which exceed  
one acre threshold will submit for  
coverage.

Specify Measurable Goal



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Facility ID (if known)

4-2

BMP ID #

E&S/ NPDES Contract Bid  
Item and Special Provisions  
Specify Best Management Practice

Director of Planning &  
Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Prepare contract bid item and  
special provisions. Include in all  
new contracts which disturb  
more than one acre. Bid item  
will include erosion control  
specifications.

Specify Measurable Goal

4-3

BMP ID #

Construction SWPPP  
Template  
Specify Best Management Practice

Director of Planning &  
Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

DCR will develop a SWPPP  
Template for use by Contractors  
on DCR projects. Template will  
be placed on DCR website for  
download by contractors.

Specify Measurable Goal

4-4

BMP ID #

Construction Site Monitoring  
Specify Best Management Practice

Director of Planning &  
Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Continue to staff each  
construction project with either a  
Resident Engineer or Inspector.  
Responsibilities include  
completion of weekly NPDES  
CGP inspections when required.

Specify Measurable Goal

4-5

BMP ID #

On-going Construction  
Projects Web Page  
Specify Best Management Practice

External Affairs/ IT Dept.  
(Martha King)

Responsible Dept./Person Name

DCR will maintain the  
construction related web page  
that includes information  
regarding on-going DCR  
construction projects.

Specify Measurable Goal

4-6

BMP ID #

Annual Erosion Prevention/  
Sediment Control Training  
Specify Best Management Practice

Dir. Planning & Engineering  
(Karst Hoogeboom)

Responsible Dept./Person Name

Provide annual training to DCR  
construction management staff.  
Report number of attendees,  
topics covered and dates of  
training in annual report.

Specify Measurable Goal

4-7

BMP ID #

Add VMP Requirements to  
Restoration Specs  
Specify Best Management Practice

Dir. of Planning (Patrice Kish)

Responsible Dept./Person Name

DCR will add VMP requirements  
to vegetation restoration  
specifications.

Specify Measurable Goal



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4-8

BMP ID #

Technical Assistance to

ConComs

Specify Best Management Practice

Water Supply Protection

(Jonathan Yeo)

Responsible Dept./Person Name

DCR provides technical assistance to Conservation Commissions in DCR DWSP watershed communities. DCR provides written comments on storm water concerns which may impact their reservoirs.

Specify Measurable Goal

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**5. Post Construction Runoff Control:**

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5-1

BMP ID #

Compliance with MA DEP

Stormwater Management

Policy

Specify Best Management Practice

Dir. Planning & Engineering

(Karst Hooeboom)

Responsible Dept./Person Name

Apply Stormwater Management Policy Guidelines to all development/ redevelopment projects.

Specify Measurable Goal

5-2

BMP ID #

DCR Storm Water Handbook

Specify Best Management Practice

Dir. Planning & Engineering

(Karst Hooeboom)

Responsible Dept./Person Name

Develop Handbook and issue department-wide and to Contractors. New projects will be designed in accordance with the Handbook.

Specify Measurable Goal

5-3

BMP ID #

Storm Water Handbook

Training

Specify Best Management Practice

Director of Human Resources

(Johanna Zabriskie)

Responsible Dept./Person Name

Provide 2 seminars within 6 months of issuing handbook to train internal personnel and consultants. Provide annual seminars thereafter. Record # of attendees and dates of training.

Specify Measurable Goal

5-4

BMP ID #

BMP Long-Term Operation  
and Maintenance

Specify Best Management Practice

Operations / Planning and  
Engineering (Ron Cameron /  
Karst Hooeboom)

Responsible Dept./Person Name

DCR has committed 1.9 million dollars annually to provide long-term maintenance of BMPs on the schedule indicated in the Maintenance Activity Schedule in Section 6.

Specify Measurable Goal



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5-5

BMP ID #

Silver Lake Demonstration  
Projects

Specify Best Management Practice

Director of Planning (Patrice  
Kish)

Responsible Dept./Person Name

Water quality improvement  
projects implemented by  
partnership with EPA and Town  
of Wilmington.

Specify Measurable Goal

5-6

BMP ID #

Wilmington Rain Water  
Harvesting

Specify Best Management Practice

Div. of Water Supply  
Protection (Jonathan Yeo)

Responsible Dept./Person Name

Complete distribution of rain  
water systems.

Specify Measurable Goal

5-7

BMP ID #

Walden Pond Storm Water  
Improvements

Specify Best Management Practice

Director of Planning (Patrice  
Kish)

Responsible Dept./Person Name

Complete design of storm water  
improvements and install.

Specify Measurable Goal

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## 6. Municipal Good Housekeeping:

---

6-1

BMP ID #

Vehicle Washing Policy

Specify Best Management Practice

Director of Operations (Ron  
Cameron)

Responsible Dept./Person Name

Maintain practice of washing  
vehicles at off-site locations.  
Formalize into state-wide written  
policy and implement.

Specify Measurable Goal

6-2

BMP ID #

Floor Drain Policy

Specify Best Management Practice

Director of Planning &  
Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Maintain plan for floor drain use  
and servicing.

Specify Measurable Goal

6-3

BMP ID #

CB Cleaning Policy

Specify Best Management Practice

Chief Engineer / Dir. of  
Operations (Noel Baratta/ Ron  
Cameron)

Responsible Dept./Person Name

DCR will develop a written plan  
for regular catch basin cleaning  
to be implemented in DCR's  
fiscal year 2006 and thereafter.

Specify Measurable Goal

6-4

BMP ID #

CB Inspection/ Repair Policy

Specify Best Management Practice

Chief Engineer / Director of  
Operations (Noel Baratta/ Ron  
Cameron)

Responsible Dept./Person Name

DCR will develop an agency  
wide policy for implementing a  
schedule for inspecting catch  
basins and prioritizing repairs of  
catch basins and implement.

Specify Measurable Goal



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Facility ID (if known)

6-5

BMP ID #

Street Sweeping Policy

Specify Best Management Practice

Dir. of Operations (Ron  
Cameron)

Responsible Dept./Person Name

Create and implement agency-  
wide policy.

Specify Measurable Goal

6-6

BMP ID #

IPM Policy

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Create and implement agency-  
wide policy.

Specify Measurable Goal

6-7

BMP ID #

VMP Training

Specify Best Management Practice

Director of Planning (Patrice  
Kish)

Responsible Dept./Person Name

Provide training on DCR  
Vegetation Management Plan  
(VMP) to internal maintenance  
staff once every two years.

Specify Measurable Goal

6-8

BMP ID #

Chemical Applications Review  
Meetings

Specify Best Management Practice

Water Supply Protection  
(Jonathan Yeo)

Responsible Dept./Person Name

Continue to meet with railroad  
and utility companies that have  
property, easements or access  
privileges within DWSP's  
watershed lands to discuss  
technical applications along the  
ROWs.

Specify Measurable Goal

6-9

BMP ID #

EMS Team

Specify Best Management Practice

Director of Planning &  
Engineering (Karst  
Hooeboom )

Responsible Dept./Person Name

Continue to provide first  
response for emergency  
management situations such as  
spills and/ or coordinate with  
Mass. State Police, as  
appropriate.

Specify Measurable Goal

6-10

BMP ID #

Waste Disposal

Specify Best Management Practice

Planning & Engineering /  
Operations (Karst  
Hooeboom/ Ron Cameron)

Responsible Dept./Person Name

DCR will continue to properly  
dispose of waste.

Specify Measurable Goal

6-11

BMP ID #

Beneficial Use Determination

Specify Best Management Practice

Planning & Engineering (Karst  
Hooeboom)

Responsible Dept./Person Name

DCR will work to determine a  
beneficial use for catch basin  
residuals.

Specify Measurable Goal



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6-12

BMP ID #

Maintain Spill Prevention  
Control and Countermeasure  
(SPCC) Plans

Specify Best Management Practice

Planning & Engineering (Karst  
Hooeboom)

Responsible Dept./Person Name

DCR has completed plans for the required sites. DCR will continue to maintain compliance with the requirements in these plans.

Specify Measurable Goal

6-13

BMP ID #

Roadway and Drainage  
Infrastructure Assessment

Specify Best Management Practice

Chief Engineer (Noel Baratta /  
ENSR)

Responsible Dept./Person Name

Perform annual state-wide assessment of DCR roadway and infrastructure conditions. Create assessment report summarizing the drainage infrastructure and roadway in need of repair and/ or maintenance.

Specify Measurable Goal

6-14

BMP ID #

CB Repair/ Discharge Pipe  
Cleaning Needs Assessment

Specify Best Management Practice

Planning & Engineering/  
Operations (Noel Baratta / Ron  
Cameron)

Responsible Dept./Person Name

Perform an annual state wide assessment of the condition and cleaning requirements of visible proximate DCR lateral piping and catch basin repair needs. Pilot project in 2005. Agency wide program in 2006. Annual reports will summarize piping requiring cleaning and catch basin to be repaired and report on progress.

Specify Measurable Goal

6-15

BMP ID #

Wet Weather Review and  
Repairs

Specify Best Management Practice

Dir. of Operations / Chief  
Engineer (Ron Cameron/ Noel  
Baratta)

Responsible Dept./Person Name

DCR will annually review roads and parking lots within urbanized areas during wet weather conditions to identify areas of ponding or flooding each year. DCR will develop a priority list, budget and schedule for necessary repairs identified.

Specify Measurable Goal



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Facility ID (if known)

6-16

BMP ID #

Develop/ implement short term  
measures for Fenway,  
Riverway, Jamaica Way and  
Blue Hill Parkway to address  
concerns raised by CLF and  
CRWA

Specify Best Management Practice

Dir. of Operations (Ron  
Cameron)

Responsible Dept./Person Name

Implement measures. Continue  
to note progress to CLF, CRWA  
and EPA in periodic reports until  
fully addressed.

Specify Measurable Goal

6-17

BMP ID #

Maintenance Tracking System  
Specify Best Management Practice

Planning & Engineering/  
Operations (Karst

Hoogeboom/ Ron Cameron)

Responsible Dept./Person Name

Develop a maintenance tracking  
system (FAMIS). Add storm  
water infrastructure information  
inventoried in BMP 3-4. Include  
inspection/ maintenance  
schedule and create reports of  
BMPs that are "scheduled" for  
cleaning.

Specify Measurable Goal

6-18

BMP ID #

Maintenance Activity Schedule  
Specify Best Management Practice

Dir. of Operations ( Ron  
Cameron)

Responsible Dept./Person Name

Maintain infrastructure and  
roadways in compliance with  
maintenance activity schedule.

Specify Measurable Goal

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**7. BMPs for Additional Requirements of General Permit:**

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7-1

BMP ID #

Wetland Protection Act  
Compliance

Specify Best Management Practice

Dir. of Operations / Dir. of  
Planning & Engineering (Ron  
Cameron / Karst Hoogeboom)

Responsible Dept./Person Name

Continue compliance with WPA.

Specify Measurable Goal

7-2

BMP ID #

401 Water Quality Certification  
Specify Best Management Practice

Dir. of Operations / Dir. of  
Planning & Engineering (Ron  
Cameron / Karst Hoogeboom)

Responsible Dept./Person Name

Continue compliance with 401  
WQ Certification.

Specify Measurable Goal





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Facility ID (if known)

7-3

BMP ID #

Review Drainage Outfall  
Inventory with State and  
Federal Listed Species Habitat  
Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Create summary report of  
drainage outfalls located within  
critical habitat areas during  
Spring 2006. Review outfalls  
with MA Natural Heritage during  
Summer 2006. Develop method  
and schedule for remedying the  
adverse impacts, if identified,  
during Fall 2006.

Specify Measurable Goal

7-4

BMP ID #

Cultural Resources Review  
Specify Best Management Practice

Chief Planner (Patrice Kish)

Responsible Dept./Person Name

Continue to review potential  
impact to historic properties  
during conceptual design stage.

Specify Measurable Goal

7-5

BMP ID #

Review Drainage Inventory for  
Potential Impacts to Historic  
Properties  
Specify Best Management Practice

Chief Planner (Patrice Kish)

Responsible Dept./Person Name

Create summary report of  
drainage outfalls which may  
have an adverse impact on  
historic properties by Spring  
2006. Review outfalls with MA  
Historic Commission during  
Summer 2006. Develop method  
and schedule for remedying the  
impact during Fall of 2006.

Specify Measurable Goal

7-6

BMP ID #

Review Drainage Inventory for  
Outfalls which Drain to  
Impaired Waterbodies  
Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Review outfalls to receiving  
waterbodies table for impaired  
waterbodies with significant  
number of DCR outfalls. Work  
with EPA, DEP and watershed  
advocacy groups in these  
watersheds in developing  
TMDLs.



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Facility ID (if known)

7-7

BMP ID #

**Chicopee Basin, French  
Basin, Mill River Basin,  
Northern Blackstone and  
Connecticut Basin TMDLs –**

During timber harvesting  
practices, DCR shall check  
that an approved forest cutting  
plan and BMPs for erosion are  
followed.

Specify Best Management Practice

Water Supply Protection /  
Chief Forester (Jonathan Yeo /  
Jim Dimaio)

Responsible Dept./Person Name

Provide summary table of timber  
harvesting activities, date forest  
cutting plan was approved and  
proposed BMPs in each annual  
report.

Specify Measurable Goal

7-8

BMP ID #

**Connecticut Basin TMDL –**  
Provide training to local  
ConCom on harvesting BMPs.

Specify Best Management Practice

Chief Forester (Jim Dimaio)

Responsible Dept./Person Name

Present short seminar for each  
**Conservation Commission.**

Specify Measurable Goal

7-9

BMP ID #

**Permit Year TMDL Summary**

Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Include summary of TMDL  
reports approved by EPA during  
the previous permit year which  
include recommendations for  
actions by DCR in annual report.

Specify Measurable Goal

7-10

BMP ID #

**Priority Resource Area Review  
Program**

Specify Best Management Practice

Planning & Engineering (Karst  
Hoogeboom)

Responsible Dept./Person Name

Implement a program to review  
the outfalls identified in the  
outfall inventory which discharge  
to one or more of the resources  
outlined in Part V and IX of the  
permit.

Specify Measurable Goal



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**E. Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name

*Charles A. Brudgton*

Signature

*10/20/05*

Date



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**F. Example Storm Water Management Program TIME FRAMES**

BMP ID #	PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				Next Permit	Facility Type Served					State Forest
	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08		Parkway	Park	Beach	Reservoir	Maintenance Facility	
Public Education																			
1-1: Stormwater Webpage														X	X	X	X	X	X
1-2: Lower Charles River Town's Middle School Educational Program														X	X	X			
1-3: CB Stenciling/ Plaques															X				
1-4: Publish WQ Reports and Post Beaches																X			
1-5: Boat Club Programs														X	X				
1-6: Boat Traffic Speed Limit Signs														X	X				
1-7: Muddy River Clean Up Program														X	X				
1-8: Charles River Conservancy Clean Up Program														X	X				
1-9: Charles River Reservation School Program														X	X				
1-10: Boston Harbor Islands Alliance															X				
1-11: Camp Niham															X				
1-12: Boston Fort Warren Harbor School Programs														X	X				
1-13: Quabbin Educational Programs															X		X		X
1-14: Wachusett Educational Programs														X	X		X		X
1-15: Stillwater Farm															X		X		
1-16: Project WET														X	X		X		
1-17: "Downstream" Newsletter														X	X		X		
1-18: Adopt-a-Stream														X	X		X		
1-19: MADWEP														X	X		X		X
Public Participation																			
2-1: Abide by MOU with CLF and CRWA														X	X				
2-2: UMass/ DCR WQ Monitoring																	X		
2-3: Annual Public NPDES Meetings														X	X		X		X
2-4: Partnership & Friends Database Annual Letter														X	X		X		
2-5: Public Concerns/ Feedback on DCR Website														X	X		X		X
2-6: DCR Stewardship Council														X	X		X		X
2-7: MWRC														X	X		X		X
2-8: Lakes and Ponds Program														X	X		X		X



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**F. Example Storm Water Management Program TIME FRAMES**

BMP ID #	PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				Next Permit	Facility Type Served					State Forest
	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08		Parkway	Park	Beach	Reservoir	Maintenance Facility	
Illicit Discharge Detection and Elimination																			
3-1: Drainage Outfall Inventory														X	X	X	X	X	X
3-2: Drainage Inventory Specification														X	X	X	X	X	X
3-3: Illicit Drainage Connection Policy														X	X	X	X	X	X
3-4: Drainage Infrastructure Inventory														X	X	X	X	X	X
3-5: Illicit Connection Sampling Program													X	X	X	X	X	X	X
3-6: Illicit Discharge Flyers				X										X	X	X	X	X	X
3-7: Drainage Tie-In Policy														X	X	X	X	X	X
3-8: SW Control Agreements					X									X	X	X	X	X	X
Construction Site Runoff Control																			
4-1: NPDES Construction General Permit														X	X	X	X	X	X
4-2: E&S/ NPDES Contract Bid Item and Special Provisions														X	X	X	X	X	X
4-3: Construction SWPPP Template														X	X	X	X	X	X
4-4: Construction Site Monitoring														X	X	X	X	X	X
4-5: Construction Projects Web Site														X	X	X	X	X	X
4-6: Annual E&S Training				X				X						X	X	X	X	X	X
4-7: Add VMP Requirements to Restoration Spec														X	X	X	X	X	X
4-8: Technical Assistance to ConComs																X			
Post Construction Runoff Control																			
5-1: SW Management Policy														X	X	X	X	X	X
5-2: Storm Water Handbook														X	X	X	X	X	X
5-3: Handbook Training								X						X	X	X	X	X	X
5-4: BMP Long-term O&M														X	X	X	X	X	X
5-5: Silver Lake Demonstration Projects															X				
5-6: Wilmington Rain Water Harvesting															X				
5-7: Walden Pond Stormwater Improvements															X				
Municipal Good Housekeeping																			
6-1: Vehicle Washing Policy																		X	X
6-2: Floor Drain Policy																		X	X



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**F. Example Storm Water Management Program TIME FRAMES**

BMP ID #	PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				Next Permit	Facility Type Served					Maintenance Facility	State Forest
	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08		Parkway	Park	Beach	Reservoir			
6-3: CB Cleaning Policy				X									X	X	X	X		X	X	
6-4: CB Inspection/ Repair Policy				X									X	X	X	X		X	X	
6-5: Street Sweeping Policy				X									X	X	X	X		X	X	
6-6: IPM Policy				X									X	X	X	X		X	X	
6-7: VMP Training																	X			
6-8: Chemical Applications Review				X				X					X	X	X	X		X		
Mtgs													X	X	X	X		X	X	
6-9: EMS Team													X	X	X	X		X		
6-10: Waste Disposal													X	X	X	X		X		
6-11: Beneficial Use Determination													X	X	X	X		X		
6-12: SPCC Plans														X				X		
6-13: Roadway and Drainage Infrastructure Assessment													X	X	X	X		X	X	
6-14: CB Repair/ Discharge Pipe Cleaning Needs Assessment													X	X	X	X		X		
6-15: Wet Weather Inspection and Repairs													X	X	X	X		X	X	
6-16: Implement Parkways Short Term Measures													X	X						
6-17: Maintenance Tracking System			X			X							X	X	X	X		X	X	
6-18: Maintenance Activity Schedule																				
BMPs for Meeting TMDLs																				
7-1: Wetland Protection Act Compliance													X	X	X	X		X	X	
7-2: 401 Water Quality Certification													X	X	X	X		X	X	
7-3: Review Drainage Outfall Inventory with State and Federal Listed Species Habitat													X	X	X	X		X	X	
7-4: Cultural Resources Review																				
7-5: Review Drainage Inventory for Potential Impacts to Historic Properties													X	X	X	X		X	X	
7-6: Review Drainage Inventory for Outfalls which Drain to Impaired Waterbodies													X	X	X	X		X	X	
7-7: Timber Harvesting Procedures																				
7-8: Train Local ConComs on Timber Harvesting Procedures																				
7-9: Permit Year TMDL Summary														X	X		X		X	
7-10: Priority Resource Area Review Program													X	X	X	X		X	X	